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L#	Hits	Search String	Databases
L1	2	5,448,686.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	2	5,929,860.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	2	6,100,902.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	2	(geometric adj model\$1) with annotation\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	3	(geometric adj model\$1) same annotation\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	15	(surface with model\$1) same annotation\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	108	(geometric with model\$1) and annotation\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	118	((surface with model\$1) same annotation\$1) or ((geometric with model\$1) and annotation\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	1	((surface with model\$1) same annotation\$1) or ((geometric with model\$1) and annotation\$1) and (project with vertices)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	33	((surface with model\$1) same annotation\$1) or ((geometric with model\$1) and annotation\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	41	((surface with model\$1) same annotation\$1) or ((geometric with model\$1) and annotation\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	28	((surface with model\$1) same annotation\$1) or ((geometric with model\$1) and annotation\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L32	202	((surface with model\$1) or (geometric with model\$1)) and annotation\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L33	17	32 and (annotat\$3 with (line\$1 or edge\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	222	annotat\$6	IBM_TDB
	1	annotat\$6 and drap\$6	IBM_TDB
	10	annotat\$6 and surface	IBM_TDB
	33173	(surface or geometric) with model\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	1926	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	598	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	88	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	274	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	45	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	49839	surface walk or (trac\$3 with path)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	13	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	138	surface walk	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	1	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	1	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	1	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	8869	(trace\$1 or tracing) near2 path\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	41	((surface or geometric) with model\$1) and ((cut\$4 or intersect\$3) with plane\$1)) and (project	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L1	33214	(surface or geometric) with model\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

L2 1929 1 and ((cut\$4 or intersect\$3) with plane\$1)
L3 598 2 and (project\$3 with (node\$1 or point\$1 or vertex or vertices))
L4 119 3 and (plane with normal with surface)
L5 3 4 and (plane with vertices with normal)
L6 274 2 and (project\$3 with (node\$1 or point\$1 or vertex or vertices) with surface)
L7 45 6 and ((polygon or triangular or polyhedral) with mesh)
L8 88 3 and ((polygon or triangular or polyhedral) with mesh)

09/686,780 James Klosowski

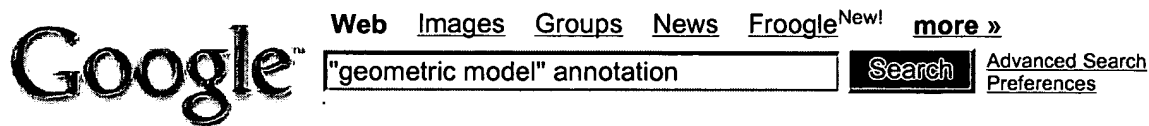
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Results of search set L10:(((surface with model\$1) same annotation\$1) or ((geometric with model\$1) and annotation\$1)) and (vertices same plane\$1)

Document	Kind	Codes	Title	Issue Date	Current OR	Abstract
US	20040051711	A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20040318	345/419	
US	20030008259	A1	Dental decals and method of application	20030109	433/6	
US	20030001835	A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20030102	345/419	
US	20020158870	A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20021031	345/424	
US	20020150855	A1	Method and system for incrementally moving teeth	20021017	433/6	
US	20020149585	A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20021017	345/428	
US	20020145607	A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20021010	345/423	
US	20020064747	A1	Method and system for incrementally moving teeth	20020530	433/24	
US	20020059042	A1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20020516	702/152	
US	20010002310	A1	Clinician review of an orthodontic treatment plan and appliance	20010531	433/24	
US	6570568	B1	System and method for the coordinated simplification of surface and wire-frame descriptions	20030527	345/428	
US	6554611	B2	Method and system for incrementally moving teeth	20030429	433/6	
US	6518964	B1	Apparatus, system, and method for simplifying annotations on a geometric surface	20030211	345/419	
US	6512993	B2	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20030128	702/159	
US	6512518	B2	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20030128	345/427	
US	6473079	B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20021029	345/419	
US	6420698	B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20020716	250/234	
US	6398548	B1	Method and system for incrementally moving teeth	20020604	433/24	
US	6330523	B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20011211	702/159	
US	6246468	B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20010612	356/4.02	
US	6227850	B1	Teeth viewing system	20010508	433/24	
US	6138076	A	Automatic non-artificially extended fault surface based horizon modeling system	20001024	702/14	
US	6014343	A	Automatic non-artificially extended fault surface based horizon modeling system	20000111	367/38	
US	5988862	A	Integrated system for quickly and accurately imaging and modeling three dimensional objects	19991123	703/6	
US	5701403	A	Cad system	19971223	345/419	
US	5452224	A	Method of computing multi-conductor parasitic capacitances for VLSI circuits	19950919	716/19	
EP	11979	A2, A3	Apparatus, system, and method for draping annotations on to a geometric surface	20020417		
EP	11979	A2, A3	Computer model surface annotating method for CAD, CAM applications, involves reconnectin	20020712		

**Web**

Results 41 - 50 of about 474 for "geometric model" annotation. (0.34 seconds)

[PDF] AMOBA: A Database System for Annotating Captured Human MovementsFile Format: PDF/Adobe Acrobat - [View as HTML](#)... to reuse the animations of one **geometric model** for another **geometric model**. ... database has three principal components: Character, Motion Data and **Annotation**. ...www.lmr.khm.de/~gruenvog/Papers/ca2002.pdf - [Similar pages](#)**Amazon.com: Books: Computational Nuclear Physics 1: Nuclear ...**... **Annotation** copyright Book News, Inc. ... Skyrme-Hartree-Fock, and cranked Nilsson models) through collective excitations (RPA, IBA, and **geometric model**) to the ...www.amazon.com/exec/obidos/tg/detail/-/0387535713?v=glance - 49k - [Cached](#) - [Similar pages](#)**IBM Research - Visual Technologies**... simplification of surface and wire-frame descriptions of a **geometric model** W. Horn ... Patent 5,708,764 [January 13, 1998] Hotlinks between an **annotation** window and ...www.research.ibm.com/visualtechnologies/patents.html - 50k - [Cached](#) - [Similar pages](#)**[PDF] IMAGINE Developers Toolkit**File Format: PDF/Adobe Acrobat - [View as HTML](#)... The model was implemented as an ERDAS IMAGINE **Geometric Model** DLL. ... Then, **annotation** tools are used to place text, lines and other well-defined graphics on the ...support.erdas.com/whitepapers/pdf/toolkitwhitepaper98.pdf - [Similar pages](#)[[More results from support.erdas.com](#)]**[doc] Model Cover Page for Deliverables**File Format: Microsoft Word 97 - [View as HTML](#)... The **geometric model** is therefore embedded in a patient image as illustrated in Figure 2. The model iteratively deforms according to an energy minimization ...www.creatis.insa-lyon.fr/~johan/wp10/D10.2-comment-van-Herwijnen.doc - [Similar pages](#)**[doc] Model Cover Page for Deliverables**File Format: Microsoft Word 2000 - [View as HTML](#)

DataGrid. Grid-aware Biomedical Applications for DataGrid Testbed Assesment.

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related research has focused on **geometric model** acquisition, but not ...

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[PDF] [Design Knowledge Management Based on a Model of Synthesis](#)

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... It offers an integrated environment consisting of **geometric model**-based design ... was automatically generated, the designer added the **annotation** "To keep the ...

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L1	2	5,448,686.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	2	5,929,860.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
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US 20020150855	A1		Method and system for incrementally moving teeth
US 20020149585	A1		Integrated system for quickly and accurately imaging and modeling three-dimensional objects
US 20020145607	A1		Integrated system for quickly and accurately imaging and modeling three-dimensional objects
US 20020064747	A1		Method and system for incrementally moving teeth
US 20020059042	A1		Integrated system for quickly and accurately imaging and modeling three-dimensional objects
US 20010002310	A1		Clinician review of an orthodontic treatment plan and appliance
US 6570568	B1		System and method for the coordinated simplification of surface and wire-frame descriptions
US 6554611	B2		Method and system for incrementally moving teeth
US 6518964	B1		Apparatus, system, and method for simplifying annotations on a geometric surface

US 6512993 B2	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20030128 702/159
US 6512518 B2	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20030128 345/427
US 6473079 B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20021029 345/419
US 6420698 B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20020716 250/234
US 6398548 B1	Method and system for incrementally moving teeth	20020604 433/24
US 6330523 B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20011211 702/159
US 6246468 B1	Integrated system for quickly and accurately imaging and modeling three-dimensional objects	20010612 356/4,02
US 6227850 B1	Teeth viewing system	20010508 433/24
US 6138076 A	Automatic non-artificially extended fault surface based horizon modeling system	20001024 702/14
US 6014343 A	Automatic non-artificially extended fault surface based horizon modeling system	20000111 367/38
US 5988862 A	Integrated system for quickly and accurately imaging and modeling three dimensional objects	19991123 703/6
US 5701403 A	Cad system	19971223 345/419
US 5452224 A	Method of computing multi-conductor parasitic capacitances for VLSI circuits	19950919 716/19
EP 11979; A2, A3	Apparatus, system, and method for draping annotations on to a geometric surface	20020417
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1

2



- 1** A spreading activation approach to text illustration 89%
 K. Hartmann , Th. Strothotte
Proceedings of the 2nd international symposium on Smart graphics June 2002
 In this paper we present a new approach to implement intelligent multimedia interfaces. Its central elements are a media-independent formal representation of the presented knowledge and media-specific realization statements. Reference hypotheses for media objects are established automatically. Subsequently, the reference hypotheses are validated and weighted by a spreading activation algorithm. Moreover, the spreading activation algorithm determines those entities of the formal representation wh ...
- 2** Schemata for interrogating solid boundaries 82%
 Michael Karasick , Derek Lieber
Proceedings of the first ACM symposium on Solid modeling foundations and CAD/CAM applications May 1991
- 3** Extraction and Visualization: A flexible learning system for wrapping tables and lists in HTML documents 80%
 William W. Cohen , Matthew Hurst , Lee S. Jensen
Proceedings of the eleventh international conference on World Wide Web May 2002
 A program that makes an existing website look like a database is called a *wrapper*. *Wrapper learning* is the problem of learning website wrappers from examples. We present a wrapper-learning system called WL² that can exploit several different representations of a document. Examples of such different representations include DOM-level and token-level representations, as well as two-dimensional geometric views of the rendered page (for tabular data) and representations of th ...

- 4** Pattern-based texturing revisited 80%
 Fabrice Neyret , Marie-Paule Cani
Proceedings of the 26th annual conference on Computer graphics and interactive techniques July 1999
- 5** Modeling with self validation features 80%
 Ferruccio Mandorli , Umberto Cugini , Harald E. Otto , Fumihiko Kimura
Proceedings of the fourth ACM symposium on Solid modeling and applications May 1997
- 6** Representing functionality and design intent in product models 80%
 Mark R. Henderson
Proceedings on the second ACM symposium on Solid modeling and applications June 1993
- 7** Features: Sentient Data 77%
 George W. Fitzmaurice , Azam Khan , William Buxton , Gordon Kurtenback , Ravin Balakrishnan
Queue November 2003
 Volume 1 Issue 8
- 8** Description of prototypes: Towards a distributed 3D virtual museum 77%
 E. Ciabatti , P. Cignoni , C. Montani , R. Scopigno
Proceedings of the working conference on Advanced visual interfaces May 1998
 The paper addresses the problem of the representation of three-dimensional works of art (e.g. sculptures, architectural elements, vases, etc.) in a web-based environment. Specifically, we propose a system for the visual presentation of the 3D results of a standard SQL query to distributed archives. The system solves the general problem of the remote visualization of dynamic result sets on the Internet using standard and low cost processing architectures. It provides the user with an innovative v ...
- 9** Visualizing information spaces: Automatic graphical abstraction in intent-based 3D-illustrations 77%
 Antonio Krüger
Proceedings of the working conference on Advanced visual interfaces May 1998
 The purpose of this paper is to present models, methods and techniques to control automatically the degree of details in graphics or animation in an intelligent way. Instead of just aiming at the technical advantages of such a reduction (i.e. saving computer memory and computational load), this work focuses on clarifying the intention of graphics or animation with the means of abstraction. The goal is to direct the viewer's attention to relevant parts of the graphics, without using metaobjects o ...
- 10** Using Jackson diagrams to classify and define data structures 77%
 Dean Sanders
ACM SIGCSE Bulletin , Proceedings of the fourteenth SIGCSE technical symposium on Computer science education February 1983
 Volume 15 Issue 1
 A modified set of Jackson diagrams together with a classification scheme is proposed as a means for unifying the study of data structures. The diagrams have proven to be very useful for presenting complex concepts and relationships.

11 People at leisure: social mixed reality: Lessons from the lighthouse: 77%



collaboration in a shared mixed reality system

Barry Brown , Ian MacColl , Matthew Chalmers , Areti Galani , Cliff Randell , Anthony Steed

Proceedings of the conference on Human factors in computing systems April 2003

Museums attract increasing numbers of online visitors along with their conventional physical visitors. This paper presents a study of a mixed reality system that allows web, virtual reality and physical visitors to share a museum visit together in real time. Our system allows visitors to share their location and orientation, communicate over a voice channel, and jointly navigate around a shared information space. Results from a study of 34 users of the system show that visiting with the system w ...

12 Interaction techniques for constrained Displays: Halo: a technique for 77%



visualizing off-screen objects

Patrick Baudisch , Ruth Rosenholtz

Proceedings of the conference on Human factors in computing systems April 2003

As users pan and zoom, display content can disappear into off-screen space, particularly on small-screen devices. The clipping of locations, such as relevant places on a map, can make spatial cognition tasks harder. Halo is a visualization technique that supports spatial cognition by showing users the location of off-screen objects. Halo accomplishes this by surrounding off-screen objects with rings that are just large enough to reach into the border region of the display window. From the portio ...

13 Full Technical Papers: Illustrative shadows: integrating 3D and 2D 77%



information displays

Felix Ritter , Henry Sonnet , Knut Hartmann , Thomas Strothotte

Proceedings of the 8th international conference on Intelligent user interfaces

January 2003

Many exploration and manipulation tasks benefit from a coherent integration of multiple views onto complex information spaces. This paper proposes the concept of *Illustrative Shadows* for a tight integration of interactive 3D graphics and schematic depictions using the shadow metaphor. The shadow metaphor provides an intuitive visual link between 3D and 2D visualizations integrating the different displays into one combined information display. Users interactively explore spatial relations ...

14 Plenary: biology and medicine: A computational steering model applied 77%



to problems in medicine

Christopher R. Johnson , Steven G. Parker

Proceedings of the 1994 ACM/IEEE conference on Supercomputing November

1994

We describe a computational steering model which allows users to interactively change boundary conditions, model geometry, and computational parameters via a graphical user interface. To replace the typical simulation mode -- in which the researcher manually sets input parameters, computes results, stores data off to disk, visualizes the results via a separate visualization package, then starts again at the beginning -- we have designed software to "close the loop" and allow the visualization to ...

15 Interactive skeleton-driven dynamic deformations 77%



Steve Capell , Seth Green , Brian Curless , Tom Duchamp , Zoran Popović

ACM Transactions on Graphics (TOG) , Proceedings of the 29th annual conference on Computer graphics and interactive techniques July 2002

Volume 21 Issue 3

This paper presents a framework for the skeleton-driven animation of elastically deformable characters. A character is embedded in a coarse volumetric control lattice, which provides the structure needed to apply the finite element method. To incorporate skeletal controls, we introduce line constraints along the bones of simple skeletons. The bones are made to coincide with edges of the control lattice, which enables us to apply the constraints efficiently using algebraic methods. To accelerate ...

16 How the virtual inspires the real: Collaborative augmented reality 77%

Mark Billinghurst , Hirokazu Kato

Communications of the ACM July 2002

Volume 45 Issue 7

Blending reality and virtuality, these interfaces let users see each other, along with virtual objects, allowing communication behaviors much more like face-to-face than like screen-based collaboration.

17 Wire packing: a strong formulation of crosstalk-aware chip-level 77%

track/layer assignment with an efficient integer programming solution

Rony Kay , Rob A. Rutenbar

Proceedings of the 2000 international symposium on Physical design May 2000

18 Performance-driven hand-drawn animation 77%

Ian Buck , Adam Finkelstein , Charles Jacobs , Allison Klein , David H. Salesin , Joshua Seims , Richard Szeliski , Kentaro Toyama

Proceedings of the first international symposium on Non-photorealistic animation and rendering June 2000

19 DeepView: a channel for distributed microscopy and informatics 77%

B. Parvin , J. Taylor , G. Cong , M. A. OKeefe , M. H. Barcellos-Hoff

Proceedings of the 1999 ACM/IEEE conference on Supercomputing (CDROM)



January 1999

20 Geologic hypermaps are more than clickable maps! 77%

Agnés Voisard

Proceedings of the sixth ACM international symposium on Advances in geographic information systems November 1998

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Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Rapid prototyping for the substantiation of architectural design interaction

Naai-Jung Shih;

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